Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 10 Apr 2023 until 23:59 on Tuesday 11 Apr 2023

Forecast Issued on Monday 10 Apr 2023 at 02:42

Confidence: High confidence for a turn to more unsettled conditions for the upcoming days with rain, showers and strong winds. Medium confidence on cloud details, and arrival times of rain and showers for first couple of days, but lower confidence later in the week.

Headline for Monday 10 Apr 2023: Band of rain and low cloud clearing east by mid-morning. A showery afternoon following, often heavy at times with risk of hail and thunder.

Mountain weather hazards on Monday 10 Apr 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Light rain	Heavy rain showers	Heavy rain showers	Heavy rain showers	Light rain showers (night)
Precipitation probability					
40%	40%	60%	60%	60%	50%

Forecast for Monday 10 Apr 2023

Weather: A band of rain, low cloud and strong winds across the Park at first, clearing away to the east by mid-morning. Some bright spells may follow, but with an increasing risk of blustery showers from late morning onwards. These are likely to be heavy at times with a risk of hail and thunder, and may band together to give some more prolonged spells of rain during the afternoon and evening.

Chance of cloud-free hill tops above 600m: 30% early, improving to 70% by late morning, then decreasing 40% during the afternoon in frequent showers.

Low cloud and visibility: Extensive low cloud early on, with widespread bases down to 400-500m. This improving and breaking up through the morning, lifting above the tops with some brighter spells forming. However cloud is expected to be variable in frequent showers, falling as low as 500-600m at times with peaks likely to be in and out of cloud throughout the day, especially in the west. Visibility at times will be good, but quickly falling to very poor in showers and low cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 10 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/31 SW	19/27 SW	23/30 SW	28/37 W	25/33 W	28/37 W	29/40 W
300	17/25 SW	16/24 S	19/27 SW	22/31 W	18/26 W	22/32 W	21/31 W
Valley	11/23 SW	10/23 S	10/21 SW	16/31 W	13/27 W	17/33 W	16/33 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	6/2	6/1	4/-2	3/-3	3/-4	2/-6
300	9/5	9/5	9/6	6/2	6/2	5/-0	4/-1
Valley	9/7	9/7	10/7	7/3	7/3	6/1	5/0
Freezing Level*	1500m	1400m	1300m	1100m	1000m	1000m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts may be up to around 45mph on the higher peaks, giving difficult walking conditions, and making it feel cold.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 10 Apr 2023	0.2mm	0.4mm	0.4mm

Forecast for Tuesday 11 Apr 2023

Weather: A dry but chilly start with some clear skies. Showers developing at times, these perhaps falling as snow on the highest peaks, mainly across the west of the park. Drier through the middle part of the day with some brighter spells, before cloud increases from the west during the afternoon. A band of rain and strong winds will push through from late afternoon. Some heavier bursts expected.

Maximum wind: Southwesterly 20-30mph, with gusts 40-45mph over the summits early and late.

Chance of cloud-free hill tops above 600m: 70% morning and afternoon, falling to 30% into the evening.

Low cloud and visibility: Occasional cloud through the morning, with bases down to 600m in showers. Cloud breaking up through middle part of the day, before extensive cloud moves in from the west from during the afternoon, initially at around 600-700m before lowering to 400m through the evening. Visibility good at times, but poor or very poor in rain and low cloud.

Temperature: **Valleys:** Plus 3 Celsius, rising to Plus 10 Celsius.
At 600m: Plus 1 Celsius, rising to Plus 5 Celsius, dropping to Plus 2 Celsius later.
Freezing level: Near the peaks, rising above during the middle of the day.

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